A coin mechanism capable of connection to a controller that is configured to operate in a three coin tube environment,

wherein the coin mechanism comprises:

four coin tubes each for storing coins of a respective denomination;

a dispenser for dispensing coins from the coin tubes; and

a processor that is coupled to the dispenser and that is configured to receive dispense signals from the controller when connected thereto,

and to cause one or more coins to be dispensed from the coin tubes in response to the received dispense signals.

# Fletcher et al. Application Claim 5

5. A coin mechanism according to claim 1 suitable for connection to an automatic transaction system controller capable of providing signals indicating the number and denomination of coins in which change is to be dispensed using three different coin denominations,

wherein the coin mechanism comprises

four coin tubes for storing, respectively, coins of four different denominations.

Claim 5 depends from claim 1 which recites: A coin mechanism comprising: ... a dispenser for controlling the dispensing of coins from the at least one coin tube;

Claim 5 depends from claim 1 which recites: A coin mechanism comprising:
... a coin mechanism controller suitable for connection to a controller in an automatic transaction system so as to receive change dispense signals from the automatic transaction system controller ..., wherein the coin mechanism controller, when connected to the automatic transaction system controller, serves as an interface between the automatic transaction system controller and the dispenser, ...

Claim 5 depends from claim 1 which recites: wherein the coin mechanism controller is programmed to re-determine the number and denomination of coins to be dispensed as change based on received change dispense signals.

A coin mechanism capable of connection to a controller that is configured to operate in a three coin tube environment,

wherein the coin mechanism comprises:

four coin tubes each for storing coins of a respective denomination;

a dispenser for dispensing coins from the coin tubes; and

a processor that is coupled to the dispenser and that is configured to receive dispense signals from the controller when connected thereto,

and to cause one or more coins to be dispensed from the coin tubes in response to the received dispense signals.

# Fletcher et al. Application Claim 6

6. A coin mechanism according to claim 1 suitable for connection to an automatic transaction system controller capable of providing signals indicating the number and denomination of coins in which change is to be dispensed using three different coin denominations,

wherein the coin mechanism comprises

two coin tubes for storing coins of a first denomination and two coin tubes for storing coins of a second denomination.

Claim 6 depends from claim 1 which recites: A coin mechanism comprising: ... a dispenser for controlling the dispensing of coins from the at least one coin tube;

Claim 6 depends from claim 1 which recites: A coin mechanism comprising:
... a coin mechanism controller suitable for connection to a controller in an automatic transaction system so as to receive change dispense signals from the automatic transaction system controller ..., wherein the coin mechanism controller, when connected to the automatic transaction system controller, serves as an interface between the automatic transaction system controller and the dispenser,

Claim 6 depends from claim 1 which recites: wherein the coin mechanism controller is programmed to re-determine the number and denomination of coins to be dispensed as change based on received change dispense signals.

A coin mechanism capable of connection to a controller that is configured to operate in a three coin tube environment,

wherein the coin mechanism comprises:

four coin tubes each for storing coins of a respective denomination;

a dispenser for dispensing coins from the coin tubes; and

a processor that is coupled to the dispenser and that is configured to receive dispense signals from the controller when connected thereto,

and to cause one or more coins to be dispensed from the coin tubes in response to the received dispense signals.

# Fletcher et al. Application Claim 7

7. A coin mechanism according to claim 1 suitable for connection to an automatic transaction system controller capable of providing signals indicating the number and denomination of coins in which change is to be dispensed using three different coin denominations,

wherein the coin mechanism comprises

four coin tubes for storing coins of a single denomination.

Claim 7 depends from claim 1 which recites: A coin mechanism comprising:
... a dispenser for controlling the dispensing of coins from the at least one coin tube;

Claim 7 depends from claim 1 which recites: A coin mechanism comprising:
... a coin mechanism controller suitable for connection to a controller in an automatic transaction system so as to receive change dispense signals from the automatic transaction system controller ..., wherein the coin mechanism controller, when connected to the automatic transaction system controller, serves as an interface between the automatic transaction system controller and the dispenser,

Claim 7 depends from claim 1 which recites: wherein the coin mechanism controller is programmed to re-determine the number and denomination of coins to be dispensed as change based on received change dispense signals.

A coin mechanism capable of connection to a controller that is configured to operate in a three coin tube environment,

wherein the coin mechanism comprises:

four coin tubes each for storing coins of a respective denomination;

a dispenser for dispensing coins from the coin tubes; and

a processor that is coupled to the dispenser and that is configured to receive dispense signals from the controller when connected thereto,

and to cause one or more coins to be

#### Fletcher et al. Application Claim 8

8. The coin mechanism of claim 5 wherein the three coin denominations are U.S. nickels, dimes and quarters, and wherein the four coin denominations are U.S. nickels, dimes, quarters and one-dollar coins.

Claim 8 depends from claim 5 which recites: A coin mechanism according to claim 1 suitable for connection to an automatic transaction system controller capable of providing signals indicating the number and denomination of coins in which change is to be dispensed using three different coin denominations,

wherein the coin mechanism comprises

four coin tubes for storing, respectively, coins of four different denominations.

Claim 8 depends indirectly from claim 1 which recites: A coin mechanism comprising:

... a dispenser for controlling the dispensing of coins from the at least one coin tube;

Claim 8 depends indirectly from claim 1 which recites: A coin mechanism comprising...a coin mechanism controller suitable for connection to a controller in an automatic transaction system so as to receive change dispense signals from the automatic transaction system controller ..., wherein the coin mechanism controller, when connected to the automatic transaction system controller, serves as an interface between the automatic transaction system controller and the dispenser,

Claim 8 depends indirectly from claim 1 which recites: wherein the coin mechanism

dispensed from the coin tubes in response to the received dispense signals.	controller is programmed to re-determine the number and denomination of coins to be dispensed as change based on received change dispense signals.
Count 2	Fletcher et al. Claim 15
A coin mechanism capable of connection to a controller that is configured to operate in a three coin tube environment,	Claim 15 depends from claim 13 which recites: An automatic transaction system comprising a system controller; a coin mechanism comprising (b) a coin mechanism controller; and communication lines connecting the coin mechanism controller and the system controller,
	Claim 15 recites: The automatic transaction system of claim 13 wherein the system controller uses a set of three different coin denominations for determining the form in which change is to be dispensed.
wherein the coin mechanism comprises: four coin tubes each for storing coins of a respective denomination;	Claim 15 depends from claim 13 which recites: An automatic transaction system comprising a coin mechanism comprising (c) at least one coin tube
	Claim 15 recites: The automatic transaction system of claim 13 comprising a plurality of coin tubes, wherein the coin tubes store, respectively, four different coin denominations
a dispenser for dispensing coins from the coin tubes; and	Claim 15 depends from claim 13 which recites: a coin mechanismcomprising (d) a dispenser for controlling the dispensing of coins from the at least one coin tube
a processor that is coupled to the dispenser and that is configured to receive dispense signals from the controller when	Claim 15 depends from claim 13 which recites: a coin mechanismcomprisingcommunication lines connecting the

connected thereto, coin mechanism controller and the system controller, whereby the coin mechanism receives change dispense signals from the system controller indicating the number and denominations of coins in which change is to be dispensed, and to cause one or more coins to be and wherein the coin mechanism controller dispensed from the coin tubes in response is programmed to re-determine the to the received dispense signals. number and denominations of coins in which the change is to be dispensed by taking into account the distribution and denominations of coins in the at least one coin tube.

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